

Modification No. 001

To

MEMORANDUM OF AGREEMENT (MOA)  
Between the  
Federal Aviation Administration (FAA)  
William J. Hughes Technical Center  
And the  
National Aeronautics and Space Administration (NASA)  
Ames Research Center  
Concerning  
Air Traffic Management Research and Technology Development

I. Purpose

The purpose of this Modification to MOA FNA/07-98-02 is to:

- a. Extend the period of performance to December 31, 2008;
- b. Assign different individuals as Technical Representatives to this Agreement due to workforce changes within either/or both agencies; and
- c. Update terms and conditions of the Agreement.

II. Refer to Section I, "Purpose." Replace with the following paragraph:

This Memorandum of Agreement (MOA) establishes a collaborative working relationship between the NASA Ames Research Center and the FAA William J. Hughes Technical Center (hereinafter referred to as "the Technical Center") supporting the NASA Airspace Systems Program and FAA Air Traffic Management (ATM) with respect to conducting research, development and technology transfer to FAA. This MOA is established as provided under the FAA/NASA Memorandum of Understanding (MOU) on Airspace System User Operational Flexibility and Productivity, dated September 11, 1995.

III. Refer to Section IV.A.2, "Collaboration in Product Development and Technology Transfer". Replace the first item 4 with the following sentence:

Assumption of responsibility by the Technical Center for the transition and operational implementation of technology into FAA systems within the FAA Acquisition Management System process, subject to approval of the responsible Acquisition Organization.

IV. Refer to Section V, "Technical Representatives." The individuals listed below are responsible for the oversight of this MOA:

- a. Dr. Paul W. Tan, (609-485-6665)  
FAA William J. Hughes Technical Center, Innovations Division Manager
- a. Mr. Robert Jacobsen (650-604-3743)  
NASA Ames Research Center, Airspace Systems Program Manager

V. Refer to Section VI, "Dissemination of Information". Replace the second paragraph with the following paragraph:

Unless otherwise agreed by the parties, custody and administration of inventions made as a consequence of, or in direct relation to, the performance of activities under this agreement will remain with the respective inventing party. In the event an invention is made jointly by employees of the parties or an employee of a party's contractor, the parties will consult and agree as to future actions toward establishment of patent protection for the invention.

VI. Refer to Section IX, "Authority". Replace first paragraph with the following paragraph:

The legal authority for NASA to enter into this agreement is found in sections 203(c) of the National Aeronautics and Space Act of 1958 as amended, 42 U.S.C. 2473(c) as implemented by NASA Management Directive 1050.1 "Authority to Enter Into Space Act Agreements"; and the legal authority for the FAA is the Federal Aviation Reauthorization Act of 1996, Public Law 104-264 (enacted October 9, 1996), Section 226 (Contracts), (codified at 49 U.S.C. 106(1). Also, to the extent funds may be transferred between FAA and NASA for services and/or goods provided on a reimbursable basis, the authority is both the Economy Act, 31 U.S.C. 1535 and the National Aeronautics and Space Act of 1958, as amended which authorizes NASA to receive such reimbursements.

VII. In the event that MOA FNA/07-98-02 has expired, this modification incorporates the text of MOA/07-98-02 by reference except to the extent that it has been modified as indicated above.

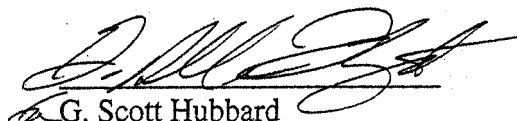
## APPROVALS

### Center Directors



Dr. Anne Harlan  
Director,  
William J. Hughes Technical Center

Date: SEP 4 2003



G. Scott Hubbard  
Director  
NASA Ames Research Center

Date: 8-26-03